

G. TURNER

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/357,349

DATE: 11/21/2000
TIME: 13:16:51

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3 <110> APPLICANT: Geerts, Hugo
4 Masure, Stefan
5 Cik, Miroslav
6 Meert, Theo
7 Ver Donk, Luc
9 <120> TITLE OF INVENTION: Neurotrophic Growth Factor
11 <130> FILE REFERENCE: 50936/702
13 <140> CURRENT APPLICATION NUMBER: 09/357,349
14 <141> CURRENT FILING DATE: 1999-07-14
16 <150> PRIOR APPLICATION NUMBER: 9815283.8
17 <151> PRIOR FILING DATE: 1998-07-14
19 <150> PRIOR APPLICATION NUMBER: 09/248,772
20 <151> PRIOR FILING DATE: 1999-02-12
22 <150> PRIOR APPLICATION NUMBER: 09/327,668
23 <151> PRIOR FILING DATE: 1999-06-08
25 <160> NUMBER OF SEQ ID NOS: 15
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37 cgcttctgca cggcgtcctg ccgcccgcgc cgctctccac acgacctcag cctggccagc 180
38 ctactgggcy ccggggccct gcgaccgcc ccgggctccc ggccegtcag ccagccctgc 240
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60 <213> ORGANISM: Homo sapiens
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69 Arg Ser Asp Glu Leu Val Arg Phe Arg Phe Cys Ser Gly Ser Cys Arg
70      35          40          45
72 Arg Ala Arg Ser Pro His Asp Leu Ser Leu Ala Ser Leu Leu Gly Ala
73      50          55          60
75 Gly Ala Leu Arg Pro Pro Gly Ser Arg Pro Val Ser Gln Pro Cys
76      65          70          75          80
78 Cys Arg Pro Thr Arg Tyr Glu Ala Val Ser Phe Met Asp Val Asn Ser
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101      35          40          45
103 Val Pro Val Arg Ala Leu Gly Leu Gly His Arg Ser Asp Glu Leu Val
104      50          55          60
106 Arg Phe Arg Phe Cys Ser Gly Ser Cys Arg Arg Ala Arg Ser Pro His
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109 Asp Leu Ser Leu Ala Ser Leu Leu Gly Ala Gly Ala Leu Arg Pro Pro
110      85          90          95
112 Pro Gly Ser Arg Pro Val Ser Gln Pro Cys Cys Arg Pro Thr Arg Tyr
113      100          105          110
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130 cacttggtct ctccgcgcag cctgccttgt ggcccacctt ggccgctctg gctctgctga 180
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137 ccggtcgcgc cgcctcgcct qggccaccgc tccgacgagc tgggtgcgtt ccgctctgc 600
138 agcggctcct gcgcgcgcgc cgcctctcca cgcgacctca gcctggccag cctactgggc 660
139 gcgggggccc tgcgaccgcc cccgggctcc cgcgcgcgta gccagccctg ctgcccaccc 720
140 acgcgcctacg aagcgggtct cttcatggac gtcaacagca cctggagaac cgtggaccgc 780
141 ctctccgcca ccgcctgcgc ctgcctgggc tgaaggctc 819
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152 Pro Pro Gln Ala His Leu Gly Ala Leu Phe Leu Pro Glu Ala Pro Leu
153 20 25 30
155 Gly Leu Ser Ala Gln Pro Ala Leu Trp Pro Thr Leu Ala Ala Leu Ala
156 35 40 45
158 Leu Leu Ser Ser Val Ala Glu Ala Ser Leu Gly Ser Ala Pro Arg Ser
159 50 55 60
161 Pro Ala Pro Arg Glu Gly Pro Pro Pro Val Leu Ala Ser Pro Ala Gly
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164 His Leu Pro Gly Arg
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168 <210> SEQ ID NO: 7
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178 20 25 30
180 Ala Pro Pro Ser Ala Leu Pro Arg Gly Gly Arg Ala Ala Arg Ala Gly
181 35 40 45
183 Gly Pro Gly Ser Arg Ala Arg Ala Ala Gly Ala Arg Gly Cys Arg Leu
184 50 55 60
186 Arg Ser Gln Leu Val Pro Val Arg Ala Leu Gly Leu Gly His Arg Ser
187 65 70 75 80
189 Asp Glu Leu Val Arg Phe Arg Phe Cys Ser Gly Ser Cys Arg Arg Ala
190 85 90 95
192 Arg Ser Pro His Asp Leu Ser Leu Ala Ser Leu Leu Gly Ala Gly Ala
193 100 105 110
195 Leu Arg Pro Pro Pro Gly Ser Arg Pro Val Ser Gln Pro Cys Cys Arg
196 115 120 125
198 Pro Thr Arg Tyr Glu Ala Val Ser Phe Met Asp Val Asn Ser Thr Trp
199 130 135 140
201 Arg Thr Val Asp Arg Leu Ser Ala Thr Ala Cys Gly Cys Leu Gly
202 145 150 155

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213 actgaagaaa ggcggcttga ctggtgaggg agagcagggc ttggcttggg cagcggttag 180
214 qtgtgggagq qaanaatggc agggaggggc caggtgaatg ggaggaggag cgggacttct 240
215 ctgaatgggc ggtgactca ggtgattcct cccctgggct cccagaggca gcaaacccat 300
216 tataatggaa cctaggccct tctgaqttt cccctccaca cagctaggag cccatgcccg 360
217 qactgatctc agccccagga cagccccctc ttgaggtcct tctccccaa gcccaccttg 420
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220 qcagccctgc ccccccgaa gccccccgc ctgtcctggc glcccccgcc gcccacctgc 600
221 caggttaggtg agagggcgag qggqcggggc qggqctggcc cgggacaccc cgcgtgactg 660
222 ggtctcattc caaggggagc cagggccgc tggtgcagtg gaagagcccg qcgcqcccg 720
223 ccgcagccct ctcggccccc gcccccgcgg cctgcacccc catctgctct tccccgcggg 780
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226 agcgtggtgc gtttccgctt ctgcagcggc tctgcgcgcc gcgcgcgctc tccacacgac 960
227 ctcagccttg ccagcctact gggcgcgggg gccctgcgac gcccccggg ctcgccggcc 1020
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242 20 25 30
244 Pro Thr Leu Ala Ala Leu Ala Leu Leu Ser Ser Val Ala Glu Ala Ser
245 35 40 45
247 Leu Gly Ser Ala Pro Arg Ser Pro Ala Pro Arg Glu Gly Pro Pro Pro
248 50 55 60
250 Val Leu Ala Ser Pro Ala Gly His Leu Pro Gly Gly Arg Thr Ala Arg
251 65 70 75 80
253 Trp Cys Ser Gly Arg Ala Arg Arg Pro Pro Pro Gln Pro Ser Arg Pro
254 85 90 95
256 Ala Pro Pro Pro Pro Ala Pro Pro Ser Ala Leu Pro Arg Gly Gly Arg
257 100 105 110
259 Ala Ala Arg Ala Gly Gly Pro Gly Ser Arg Ala Arg Ala Ala Gly Ala
260 115 120 125
262 Arg Gly Cys Arg Leu Arg Ser Gln Leu Val Pro Val Arg Ala Leu Gly
263 130 135 140
265 Leu Gly His Arg Ser Asp Glu Leu Val Arg Phe Arg Phe Cys Ser Gly

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269          165          170          175
271 Leu Gly Ala Gly Ala Leu Arg Pro Pro Gly Ser Arg Pro Val Ser
272          180          185          190
274 Gln Pro Cys Cys Arg Pro Thr Arg Tyr Glu Ala Val Ser Phe Met Asp
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281 225
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285 <211> LENGTH: 220
286 <212> TYPE: PRI
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296 Leu Ser Ser Val Ala Glu Ala Ser Leu Gly Ser Ala Pro Arg Ser Pro
297 35 40 45
299 Ala Pro Arg Glu Gly Pro Pro Pro Val Leu Ala Ser Pro Ala Gly His
300 50 55 60
302 Leu Pro Gly Gly Arg Thr Ala Arg Trp Cys Ser Gly Arg Ala Arg Arg
303 65 70 75 80
305 Pro Pro Pro Gln Pro Ser Arg Pro Ala Pro Pro Pro Ala Pro Pro
306 85 90 95
308 Ser Ala Leu Pro Arg Gly Gly Arg Ala Ala Arg Ala Gly Gly Pro Gly
309 100 105 110
311 Ser Arg Ala Arg Ala Ala Gly Ala Arg Gly Cys Arg Leu Arg Ser Gln
312 115 120 125
314 Leu Val Pro Val Arg Ala Leu Gly Leu Gly His Arg Ser Asp Glu Leu
315 130 135 140
317 Val Arg Phe Arg Phe Cys Ser Gly Ser Cys Arg Arg Ala Arg Ser Pro
318 145 150 155 160
320 His Asp Leu Ser Leu Ala Ser Leu Leu Gly Ala Gly Ala Leu Arg Pro
321 165 170 175
323 Pro Pro Gly Ser Arg Pro Val Ser Gln Pro Cys Cys Arg Pro Thr Arg
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